



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

MODIFIED PTO/SB/08 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: June 10, 2004 (use as many sheets as necessary)		Complete if Known	
		Application Number	10/021,258
		Filing Date	12/19/2001
		First Named Inventor	Tomoaki HOKAO
		Group Art Unit	2643
		Examiner Name	C. A. Kuntz
Sheet 1 of 1	Attorney Docket Number	040373-0315	

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
NRK	B1	5,661,724		CHENNAKESHU et al.	08-26-1997	RECEIVED JUN 15 2004 Technology Center 2600
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/
/	/	/	/	/	/	/

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
NRK	B2	EP	0 991 189	A2	NEC CORPORATION	09-30-1999	/	/
/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/
/	/	/	/	/	/	/	/	/

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/	/	/	/
/	/	/	/
/	/	/	/
/	/	/	/
/	/	/	/
/	/	/	/
/	/	/	/
/	/	/	/

Examiner Signature	Melur Ramakrishna	Date Considered	2/28/05
--------------------	-------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

12-19-01

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 040373-0315		SERIAL NO. Unassigned		
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Tomoaki HOKAO				
				FILING DATE December 19, 2001		GROUP ART UNIT Unassigned		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
NZK	A1	6,226,505	05/01/2001	Uda	455	255		
	A2	6,275,699	08/14/2001	Ichihara	455	434		
	A3	5,934,329	08/24/1999	Ohgoshi et al.	370	335		
	A4	6,292,477	09/18/2001	Ohgoshi et al.	370	335		
/		/		/				
/		/		/				
/		/		/				
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
NZK	A5	10-150682	06/02/1998	Japan			Abstract	
	A6	10-164658	06/19/1998	Japan			Abstract	
	A7	2000-4177	01/07/2000	Japan			Abstract	
	A8	2000-115056	04/21/2000	Japan			Abstract	
	A9	2000-082976	03/21/2000	Japan			Abstract	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%; border-right: 1px solid black; height: 100px;"></div> <div style="width: 85%; height: 100px;"></div> </div>								
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%; border-right: 1px solid black; height: 100px;"></div> <div style="width: 85%; height: 100px;"></div> </div>								
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%; border-right: 1px solid black; height: 100px;"></div> <div style="width: 85%; height: 100px;"></div> </div>								
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%; border-right: 1px solid black; height: 100px;"></div> <div style="width: 85%; height: 100px;"></div> </div>								
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%; border-right: 1px solid black; height: 100px;"></div> <div style="width: 85%; height: 100px;"></div> </div>								
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%; border-right: 1px solid black; height: 100px;"></div> <div style="width: 85%; height: 100px;"></div> </div>								
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%; border-right: 1px solid black; height: 100px;"></div> <div style="width: 85%; height: 100px;"></div> </div>								
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%; border-right: 1px solid black; height: 100px;"></div> <div style="width: 85%; height: 100px;"></div> </div>								
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%; border-right: 1px solid black; height: 100px;"></div> <div style="width: 85%; height: 100px;"></div> </div>								
EXAMINER Meher Ramakrishna				DATE CONSIDERED 2/28/05				
* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.								

 JC832 U.S. PTO
 10/02/258
 12/19/01